

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
AmB:				
Airmont-----	eastern white pine--	80	143	eastern white pine
	northern red oak----	70	57	
	Virginia pine-----	70	114	
	yellow-poplar-----	85	86	
AmD:				
Airmont-----	northern red oak----	60	43	eastern white pine
	shortleaf pine-----	60	86	
	Virginia pine-----	60	86	
AnB:				
Andover-----	northern red oak----	70	57	eastern white pine,
	yellow-poplar-----	75	57	Norway spruce, red maple
Buchanan-----	northern red oak----	80	57	eastern white pine,
	yellow-poplar-----	95	100	European larch, northern red oak, sugar maple, yellow-poplar
At:				
Atkins-----	American sycamore---	---	0	American sycamore,
	eastern cottonwood--	105	143	eastern white
	pin oak-----	90	72	pine, pin oak,
	red maple-----	---	0	sweetgum, white spruce
BaB:				
Bagtown-----	northern red oak----	69	57	yellow-poplar
BaC:				
Bagtown-----	northern red oak----	69	57	yellow-poplar
BaD:				
Bagtown-----	white oak-----	69	57	chestnut oak, green ash, hickory, Virginia pine
BbD:				
Bagtown-----	northern red oak----	69	57	chestnut oak, green
	white oak-----	69	57	ash, hickory, Virginia pine, yellow-poplar
BbE:				
Bagtown-----	northern red oak----	69	57	chestnut oak, green
	white oak-----	69	57	ash, hickory, Virginia pine, yellow-poplar
Bc:				
Basher-----	American basswood---	85	57	black walnut,
	northern red oak----	80	57	eastern white
	sugar maple-----	70	43	pine, European larch, Norway spruce

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
BeB: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
BeC: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
BfB: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
BfC: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
BkB: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
Urban Land-----	---	---	---	---
BkD: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
Urban Land-----	---	---	---	---
Bp: Bigpool-----	black walnut----- northern red oak---- red maple----- white ash----- white oak----- yellow-poplar-----	--- 86 --- 85 85 95	0 72 0 57 72 100	black oak, black walnut, eastern white pine, Japanese larch, northern red oak, Norway spruce, Virginia pine, white ash, white oak, yellow-poplar
BrB: Braddock-----	eastern white pine-- northern red oak---- yellow-poplar-----	95 80 90	172 57 86	eastern white pine, yellow-poplar
Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
BrC: Braddock-----	eastern white pine-- northern red oak---- yellow-poplar-----	95 80 90	172 57 86	eastern white pine, yellow-poplar
Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
BrD: Braddock-----	eastern white pine-- northern red oak---- yellow-poplar-----	95 80 90	172 57 86	eastern white pine, yellow-poplar
Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
BtB: Brinkerton-----	northern red oak----	77	57	eastern white pine, red maple, white spruce, yellow- poplar
BuB: Buchanan-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
BuC: Buchanan-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar
BuD: Buchanan-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar
CaB: Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
CaC: Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
CaD: Calvin-----	northern red oak---- yellow-poplar-----	77 80	57 72	eastern white pine, red pine, Virginia pine
CcB: Catoctin-----	northern red oak---- shortleaf pine----- Virginia pine----- yellow-poplar-----	60 60 60 70	43 86 86 57	eastern white pine, shortleaf pine
Myersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, yellow- poplar
CcC: Catoctin-----	northern red oak---- shortleaf pine----- Virginia pine----- yellow-poplar-----	60 60 60 70	43 86 86 57	eastern white pine, shortleaf pine
Myersville-----	northern red oak---- yellow-poplar-----	85 ---	72 0	black walnut, eastern white pine, yellow- poplar
CcD: Catoctin-----	northern red oak---- shortleaf pine----- Virginia pine----- yellow-poplar-----	60 60 60 70	43 86 86 57	eastern white pine, shortleaf pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Myersville-----	northern red oak---- yellow-poplar-----	85 ---	72 0	black walnut, eastern white pine, yellow- poplar
CkB: Clearbrook-----	northern red oak---- yellow-poplar-----	70 80	57 72	eastern white pine, yellow-poplar
Cm: Codorus-----	black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	100 100 90 90 90 100	0 143 72 57 72 114	black walnut, eastern white pine, European larch, Norway spruce, sugar maple, white ash, yellow-poplar
Cn: Codorus-----	black walnut----- eastern white pine-- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	100 100 90 90 90 100	0 143 72 57 72 114	black walnut, eastern white pine, European larch, Norway spruce, sugar maple, white ash, yellow-poplar
Co: Combs-----	American sycamore--- black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- --- 90 --- 115	0 0 72 0 129	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow- poplar
Cp: Combs-----	American sycamore--- black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- --- 90 --- 115	0 0 72 0 129	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow- poplar
DaB: Dekalb-----	northern red oak----	57	43	Austrian pine, eastern white pine, Japanese larch, red pine
DaC: Dekalb-----	northern red oak----	57	43	Austrian pine, eastern white pine, Japanese larch, red pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
DaD: Dekalb-----	northern red oak----	52	29	eastern white pine, Norway spruce, Virginia pine, white spruce
DeA: Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Rock Outcrop-----	---	---	---	---
DeB: Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Rock Outcrop-----	---	---	---	---
DeC: Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Rock Outcrop-----	---	---	---	---
DeD: Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Rock Outcrop-----	---	---	---	---
DgF: Bagtown-----	chestnut oak----- Virginia pine----- white oak-----	60 60 60	43 86 43	---
Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Rock Outcrop-----	---	---	---	---
DhF: Dekalb-----	black cherry----- red maple----- red spruce----- yellow birch-----	50 50 35 50	29 29 72 29	Norway spruce, red spruce
Hazleton-----	---	---	---	---

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Dk: Deposit-----	black cherry----- sugar maple-----	70 63	43 43	eastern white pine, European larch, Norway spruce, white spruce
DnB: Deposit-----	black cherry----- sugar maple-----	70 63	43 43	eastern white pine, European larch, Norway spruce, white spruce
DoA: Downsville-----	black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- 85 75 90	0 72 57 86	black walnut, loblolly pine, Virginia pine, yellow-poplar
DoB: Downsville-----	black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- 85 75 90	0 72 57 86	black walnut, loblolly pine, Virginia pine, yellow-poplar
DoC: Downsville-----	black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- 85 75 90	0 72 57 86	black walnut, loblolly pine, Virginia pine, yellow-poplar
DoD: Downsville-----	black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- 85 75 90	0 72 57 86	black walnut, loblolly pine, Virginia pine, yellow-poplar
DoE: Downsville-----	black walnut----- northern red oak---- white oak----- yellow-poplar-----	--- 85 75 90	0 72 57 86	black walnut, loblolly pine, Virginia pine, yellow-poplar
DrA: Dryrun-----	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- 80 85 70 94	0 143 72 29 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
DrB: Dryrun-----	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- 80 85 70 94	0 143 72 29 100	black walnut, eastern white pine, Norway spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
DsA: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DsB: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DsC: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DsD: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DuB: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DuC: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
DvB: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Rock Outcrop-----	---	---	---	---



Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
DvC: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Rock Outcrop-----	---	---	---	---
DvD: Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Rock Outcrop-----	---	---	---	---
Fa: Fairplay-----	black willow----- green ash----- red maple----- silver maple----- white ash-----	--- --- 55 --- ---	0 0 29 0 0	---
FO: Foxville-----	American sycamore--- eastern cottonwood-- pin oak----- red maple-----	--- 105 90 ---	0 143 72 0	American sycamore, eastern white pine, pin oak, sweetgum, white spruce
Hatboro-----	American sycamore--- pin oak----- red maple-----	60 60 60	43 43 43	eastern white pine, white spruce
Ft: Funkstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black locust, black walnut, eastern white pine, yellow-poplar
HaA: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HaB: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
HaC: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HaD: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HbB: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HbC: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HbD: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
HcB: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
Rock Outcrop-----	---	---	---	---
HcC: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
Rock Outcrop-----	---	---	---	---
HcD: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Norway spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Rock Outcrop-----	---	---	---	---
HdB:				
Duffield-----	northern red oak----	85	72	black walnut,
	yellow-poplar-----	95	100	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Hagerstown-----	northern red oak----	85	72	black walnut,
	yellow-poplar-----	95	100	eastern white pine, Norway spruce, yellow- poplar
Urban Land-----	---	---	---	---
HdD:				
Duffield-----	northern red oak----	85	72	black walnut,
	yellow-poplar-----	95	100	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Hagerstown-----	northern red oak----	85	72	black walnut,
	yellow-poplar-----	95	100	eastern white pine, Norway spruce, yellow- poplar
Urban Land-----	---	---	---	---
HgB:				
Hagerstown-----	northern red oak----	85	72	black walnut,
	yellow-poplar-----	95	100	eastern white pine, Norway spruce, yellow- poplar
Opequon-----	northern red oak----	60	43	eastern white pine,
	sugar maple-----	---	0	Virginia pine
	white oak-----	60	43	
Rock Outcrop-----	---	---	---	---
Hh:				
Hatboro-----	American sycamore----	60	43	eastern white pine,
	pin oak-----	60	43	white spruce
	red maple-----	60	43	
HnB:				
Hazel-----	northern red oak----	60	43	eastern white pine,
	shortleaf pine-----	60	86	shortleaf pine,
	Virginia pine-----	60	86	Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
HnC:				
Hazel-----	northern red oak----	60	43	eastern white pine,
	shortleaf pine-----	60	86	shortleaf pine,
	Virginia pine-----	60	86	Virginia pine
HnD:				
Hazel-----	shortleaf pine-----	60	86	eastern white pine,
	Virginia pine-----	60	86	shortleaf pine, Virginia pine
HrE:				
Hazel-----	northern red oak----	50	29	eastern white pine,
	shortleaf pine-----	50	72	shortleaf pine,
	Virginia pine-----	50	72	Virginia pine
Rock Outcrop-----	---	---	---	---
HsD:				
Hazleton-----	---	---	---	---
HsE:				
Hazleton-----	---	---	---	---
HtB:				
Highfield-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	Japanese larch, Norway spruce, Virginia pine, yellow-poplar
HtC:				
Highfield-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	Japanese larch, Norway spruce, Virginia pine, yellow-poplar
HtD:				
Highfield-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	Japanese larch, Norway spruce, Virginia pine, yellow-poplar
KcB:				
Klinesville-----	northern red oak----	60	43	eastern white pine,
	Virginia pine-----	60	86	pitch pine, red pine, Virginia pine
Calvin-----	northern red oak----	71	57	eastern white pine,
	yellow-poplar-----	71	57	red pine, Virginia pine
KcC:				
Klinesville-----	northern red oak----	60	43	eastern white pine,
	Virginia pine-----	60	86	pitch pine, red pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Calvin-----	northern red oak----	71	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	71	57	
KcD: Klinesville-----	northern red oak----	60	43	eastern white pine, pitch pine, red pine, Virginia pine
	Virginia pine-----	60	86	
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
KcF: Klinesville-----	northern red oak----	60	43	eastern white pine, pitch pine, red pine, Virginia pine
	Virginia pine-----	60	86	
Calvin-----	northern red oak----	77	57	eastern white pine, red pine, Virginia pine
	yellow-poplar-----	80	72	
LaB: Lantz-----	black oak-----	80	57	eastern white pine, white spruce
	pin oak-----	85	72	
Rohrersville-----	black oak-----	80	57	eastern white pine, yellow-poplar
	yellow-poplar-----	90	86	
Lb: Lappans-----	black locust-----	80	57	black walnut, hickory, northern red oak, white oak, yellow-poplar
	hickory-----	85	57	
	northern red oak----	85	72	
	sassafras-----	80	57	
	white oak-----	85	72	
	yellow-poplar-----	95	100	
Ln: Lindside-----	black walnut-----	---	0	black oak, black walnut, eastern white pine, Japanese larch, northern red oak, Norway spruce, shortleaf pine, white ash, white oak, yellow-poplar
	northern red oak----	86	72	
	red maple-----	---	0	
	white ash-----	85	57	
	white oak-----	85	72	
	yellow-poplar-----	95	100	
Me: Melvin-----	American elm-----	---	0	American sycamore, baldcypress, eastern cottonwood, green ash, pin oak, sweetgum
	common hackberry----	---	0	
	eastern cottonwood--	101	129	
	green ash-----	---	0	
	hickory-----	---	0	
	pin oak-----	100	100	
	red maple-----	---	0	
	sweetgum-----	90	100	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
MgA: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MgB: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MgC: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MgD: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MhA: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MhB: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MhC: Monongahela-----	black walnut-----	---	0	black cherry,
	eastern white pine--	72	129	eastern white
	northern red oak----	70	57	pine, Japanese
	Virginia pine-----	66	100	larch, Virginia
	white ash-----	---	0	pine, yellow-
	yellow-poplar-----	85	86	poplar
MkB: Mt. Zion-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
MkC: Mt. Zion-----	northern red oak---- yellow-poplar-----	73 80	57 72	eastern white pine, yellow-poplar
MmA: Mt. Zion-----	northern red oak---- yellow-poplar-----	73 80	57 72	eastern white pine, yellow-poplar
Rohrersville-----	black oak----- yellow-poplar-----	80 90	57 86	eastern white pine, yellow-poplar
MoB: Murrill-----	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- 80 72 70 94	0 143 57 72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MoC: Murrill-----	black walnut----- eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	--- 80 72 70 94	0 143 57 72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MsB: Murrill-----	eastern white pine-- northern red oak---- yellow-poplar-----	80 72 95	143 57 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MsC: Murrill-----	eastern white pine-- northern red oak---- yellow-poplar-----	80 72 95	143 57 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MsD: Murrill-----	eastern white pine-- northern red oak---- yellow-poplar-----	80 72 95	143 57 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MuB: Murrill-----	eastern white pine-- northern red oak---- yellow-poplar-----	80 72 95	143 57 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Urban Land-----	---	---	---	---

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
MuD: Murrill-----	eastern white pine-- northern red oak---- yellow-poplar-----	80 72 95	143 57 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Urban Land-----	---	---	---	---
MvB: Myersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, yellow- poplar
MvC: Myersville-----	northern red oak---- yellow-poplar-----	85 ---	72 0	black walnut, eastern white pine, yellow- poplar
MwB: Myersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, yellow- poplar
MwC: Myersville-----	northern red oak---- yellow-poplar-----	85 ---	72 0	black walnut, eastern white pine, yellow- poplar
MwD: Myersville-----	northern red oak---- yellow-poplar-----	85 ---	72 0	black walnut, eastern white pine, yellow- poplar
NoB: Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
NoC: Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar



Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
NoD: Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
OpA: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
OpB: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
OpC: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
OrB: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
Rock Outcrop-----	---	---	---	---
OrC: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
Rock Outcrop-----	---	---	---	---
OrD: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
Rock Outcrop-----	---	---	---	---
OrF: Opequon-----	northern red oak---- sugar maple----- white oak-----	60 --- 60	43 0 43	eastern white pine, Virginia pine
Rock Outcrop-----	---	---	---	---
PaB: Pecktonville-----	chestnut oak----- northern red oak----	76 76	57 57	black walnut, yellow-poplar
PaC: Pecktonville-----	chestnut oak----- northern red oak----	76 76	57 57	black walnut, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
PaD: Pecktonville-----	black walnut----- white oak----- yellow-poplar-----	76 76 86	57 57 86	Scotch pine
PcB: Pecktonville-----	chestnut oak----- northern red oak----	76 76	57 57	black walnut, yellow-poplar
PcC: Pecktonville-----	chestnut oak----- northern red oak----	76 76	57 57	black walnut, yellow-poplar
PcD: Pecktonville-----	black walnut----- white oak----- yellow-poplar-----	76 76 86	57 57 86	Scotch pine
PeE: Pecktonville-----	black walnut----- white oak----- yellow-poplar-----	76 76 86	57 57 86	Scotch pine
Rock Outcrop-----	---	---	---	---
Pg: Philo-----	black oak----- northern red oak---- Virginia pine----- white ash----- white oak----- yellow-poplar-----	85 86 74 85 85 102	72 72 114 114 72 114	eastern white pine, yellow-poplar
Ph: Philo-----	black oak----- northern red oak---- Virginia pine----- white ash----- white oak----- yellow-poplar-----	85 86 74 85 85 102	72 72 114 72 72 114	eastern white pine, yellow-poplar
Pn: Pope-----	American basswood--- American beech----- American sycamore--- bitternut hickory--- blackgum----- eastern hemlock----- northern red oak---- white oak----- yellow-poplar-----	--- --- --- --- --- --- --- 80 96	0 0 0 0 0 0 0 57 100	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Po: Pope-----	American basswood----	---	0	black walnut,
	American beech-----	---	0	eastern white
	American sycamore----	---	0	pine, northern red
	blackgum-----	---	0	oak, shortleaf
	eastern hemlock-----	---	0	pine, white ash,
	northern red oak----	---	0	white oak, yellow-
	white oak-----	80	57	poplar
	yellow-poplar-----	96	100	
Qa: Quarry-----	---	---	---	---
Qm: Quarry-----	---	---	---	---
Qr: Quarry-----	---	---	---	---
Qs: Quarry-----	---	---	---	---
RaC: Ravenrock-----	northern red oak----	85	57	eastern white pine,
	yellow-poplar-----	95	86	Virginia pine,
				yellow-poplar
RaD: Ravenrock-----	northern red oak----	85	57	eastern white pine,
	yellow-poplar-----	95	86	Virginia pine,
				yellow-poplar
RcC: Ravenrock-----	northern red oak----	85	57	eastern white pine,
	yellow-poplar-----	95	86	Virginia pine,
				yellow-poplar
Rohrersville-----	black oak-----	80	57	eastern white pine,
	yellow-poplar-----	90	86	yellow-poplar
ReC: Highfield-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	Japanese larch,
				Norway spruce,
				Virginia pine,
				yellow-poplar
Ravenrock-----	northern red oak----	85	57	eastern white pine,
	yellow-poplar-----	95	86	Virginia pine,
				yellow-poplar
Rock Outcrop-----	---	---	---	---
ReD: Highfield-----	northern red oak----	73	57	eastern white pine,
	yellow-poplar-----	80	72	Japanese larch,
				Norway spruce,
				Virginia pine,
				yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Ravenrock-----	northern red oak---- yellow-poplar-----	85 96	57 86	eastern white pine, Virginia pine, yellow-poplar
Rock Outcrop-----	---	---	---	---
ReF: Highfield-----	northern red oak---- yellow-poplar-----	73 80	57 72	eastern white pine, Japanese larch, Norway spruce, Virginia pine, yellow-poplar
Ravenrock-----	northern red oak---- yellow-poplar-----	85 95	57 86	eastern white pine, Virginia pine, yellow-poplar
Rock Outcrop-----	---	---	---	---
RhB: Rohrersville-----	black oak----- yellow-poplar-----	80 90	57 86	eastern white pine, yellow-poplar
Lantz-----	black oak----- pin oak-----	80 85	57 72	eastern white pine, white spruce
RmB: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 -- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar
Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
RmC: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 -- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar
Duffield-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
RmD: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 -- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Duffield-----	northern red oak----	85	72	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
	yellow-poplar-----	95	100	
RnB: Ryder-----	eastern white pine--	90	143	black walnut, eastern white pine, Japanese larch, yellow- poplar
	northern red oak----	80	57	
	white ash-----	---	0	
	yellow-poplar-----	90	86	
Nollville-----	northern red oak----	85	72	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
	yellow-poplar-----	95	100	
RnC: Ryder-----	eastern white pine--	90	143	black walnut, eastern white pine, Japanese larch, yellow- poplar
	northern red oak----	80	57	
	white ash-----	---	0	
	yellow-poplar-----	90	86	
Nollville-----	northern red oak----	85	72	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
	yellow-poplar-----	95	100	
RnD: Ryder-----	eastern white pine--	90	143	black walnut, eastern white pine, Japanese larch, yellow- poplar
	northern red oak----	80	57	
	white ash-----	---	0	
	yellow-poplar-----	90	86	
Nollville-----	northern red oak----	85	72	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
	yellow-poplar-----	95	100	
RvC: Ryder-----	eastern white pine--	90	143	black walnut, eastern white pine, Japanese larch, yellow- poplar
	northern red oak----	80	57	
	white ash-----	---	0	
	yellow-poplar-----	90	86	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Nollville-----	northern red oak---- yellow-poplar-----	80 90	57 86	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
RyB: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 --- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar
Rock Outcrop-----	---	---	---	---
RyC: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 --- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar
Rock Outcrop-----	---	---	---	---
RyD: Ryder-----	eastern white pine-- northern red oak---- white ash----- yellow-poplar-----	90 80 --- 90	143 57 0 86	black walnut, eastern white pine, Japanese larch, yellow- poplar
Rock Outcrop-----	---	---	---	---
SdB: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar
SdC: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar
SdD: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar
SgB: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar
SgC: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
SgD: Sideling-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, eastern white pine, northern red oak, yellow-poplar
SpA: Swanpond-----	northern red oak---- yellow-poplar-----	75 85	57 86	black walnut, eastern white pine, yellow- poplar
SpB: Swanpond-----	northern red oak---- yellow-poplar-----	75 85	57 86	black walnut, eastern white pine, yellow- poplar
SsA: Swanpond-----	northern red oak---- yellow-poplar-----	75 85	57 86	black walnut, eastern white pine, yellow- poplar
Funkstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black locust, black walnut, eastern white pine, yellow-poplar
SuA: Funkstown-----	northern red oak---- yellow-poplar-----	85 95	72 100	black locust, black walnut, eastern white pine, yellow-poplar
Swanpond-----	northern red oak---- yellow-poplar-----	75 85	57 86	black walnut, eastern white pine, yellow- poplar
Urban Land-----	---	---	---	---
TaB: Talladega-----	eastern white pine-- loblolly pine----- shortleaf pine----- Virginia pine-----	85 60 60 70	157 72 86 114	eastern white pine, loblolly pine, Scotch pine, shortleaf pine, Virginia pine
TaC: Talladega-----	eastern white pine-- loblolly pine----- shortleaf pine----- Virginia pine-----	85 60 60 70	157 72 86 114	eastern white pine, loblolly pine, Scotch pine, shortleaf pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
TaD: Talladega-----	eastern white pine-- loblolly pine----- shortleaf pine----- Virginia pine-----	85 60 60 70	157 72 86 114	eastern white pine, loblolly pine, Scotch pine, shortleaf pine, Virginia pine
ThB: Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
ThC: Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
ThD: Thurmont-----	eastern white pine-- northern red oak---- shortleaf pine----- yellow-poplar-----	88 76 77 88	157 57 129 86	black walnut, eastern white pine, yellow- poplar
TrA: Trego-----	northern red oak---- yellow-poplar-----	70 80	57 72	eastern white pine, yellow-poplar
TrB: Trego-----	northern red oak---- yellow-poplar-----	70 80	57 72	eastern white pine, yellow-poplar
TrC: Trego-----	northern red oak---- yellow-poplar-----	70 80	57 72	eastern white pine, yellow-poplar
TyA: Tyler-----	American beech----- American sycamore---- northern red oak---- slippery elm----- sugar maple----- white ash----- white oak----- yellow-poplar-----	--- --- 80 --- --- 86 --- 100	0 0 57 0 0 114 0 114	black oak, eastern white pine, red pine, Virginia pine, white ash, yellow-poplar
TyB: Tyler-----	American beech----- American sycamore---- northern red oak---- slippery elm----- sugar maple----- white ash----- white oak----- yellow-poplar-----	--- --- 80 --- --- 86 --- 100	0 0 57 0 0 114 0 114	black oak, eastern white pine, red pine, Virginia pine, white ash, yellow-poplar
Ud: Udorthents-----	---	---	---	---



Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
UrB: Urban Land-----	---	---	---	---
UrD: Urban Land-----	---	---	---	---
W: Water-----	---	---	---	---
WaA: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WaB: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WaC: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WcA: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WcB: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WcC: Walkersville-----	northern red oak---- yellow-poplar-----	85 95	72 100	ash, black walnut, eastern white pine, northern red oak, white oak
WeB: Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
WeC: Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
WeD: Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
WeF: Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
WkB: Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
WkC: Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
WkD: Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
Berks-----	black oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
WrC: Weverton-----	chestnut oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine
WrD: Weverton-----	chestnut oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine
WrE: Weverton-----	chestnut oak----- northern red oak---- Virginia pine-----	70 70 70	57 57 114	eastern white pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
WuB:				
Wurno-----	scarlet oak----- Virginia pine-----	70 70	57 114	eastern white pine, shortleaf pine, Virginia pine
Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
WuC:				
Wurno-----	scarlet oak----- Virginia pine-----	70 70	57 114	eastern white pine, shortleaf pine, Virginia pine
Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
WuD:				
Wurno-----	scarlet oak----- Virginia pine-----	70 70	57 114	eastern white pine, shortleaf pine, Virginia pine
Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
WuE:				
Wurno-----	scarlet oak----- Virginia pine-----	70 70	57 114	eastern white pine, shortleaf pine, Virginia pine
Nollville-----	northern red oak---- yellow-poplar-----	85 95	72 100	black walnut, eastern white pine, Japanese larch, Norway spruce, yellow- poplar

